**File Names:**

**SC_Volume_Data_RX_YYYY** – Fifteen Minute short count volume data by direction for a given Region (RX) and Year (YYYY).

**SC_Class_Data_RX_YYYY** – Fifteen Minute short count class data by direction for a given Region (RX) and Year (YYYY).

**SC_Speed_Data_RX_YYYY** – Fifteen Minute short count speed data by direction for a given Region (RX) and Year (YYYY).

**SC_Volume_AVGWD_RX_YYYY** – Short count average weekday volume by direction for a given Region (RX) and Year (YYYY). Weekday data is defined as Monday 6am through Friday Noon.

**SC_Class_AVGWD_RX_YYYY** – Short count average weekday class distribution by direction for a given Region (RX) and Year (YYYY). Weekday data is defined as Monday 6am through Friday Noon.

**SC_Speed_AVGWD_RX_YYYY** – Short count average weekday speed distribution by direction for a given Region (RX) and Year (YYYY). Weekday data is defined as Monday 6am through Friday Noon.
**Data Items**

**Header Items consistent in all data types:**

**RC_Station** – Region-County-Station number, a seven character code uniquely identifying a traffic segment in NYS. Can be used to join data to shapefiles published by NYSDOT.

**Count_ID** – A unique ID for each count session loaded, each count has one Count_ID for all data types.

**RG** – Region Number, a number 1-11 representing the NYSDOT Region in which the count station is located.

**Region_Code** – A single digit code for each NYSDOT Region. Can be concatenated with County_Code and Station number to create a unique ID.

**County_Code** – A single digit code for each County within a NYSDOT Region. Can be concatenated with Region_Code and Station number to create a unique ID.

**Stat** – Station Number, a four digit number unique within a county representing a specific segment of road for traffic counting purposes. Can be concatenated with Region_Code and County_Code to create a unique ID. Typically formatted as text to retain leading zeroes.

**RCSTA** – Region_Code, County_Code, and Station Number concatenated into a 6 digit unique ID. Typically formatted as text to retain leading zeroes.

**Functional_Class** – Functional Classification of the roadway segment to which the station applies.

**Factor_Group** – Factor Group determines the set of seasonal factors to apply. Factor Groups are 30, 40, or 60 only.

**Latitude** – Latitude, in decimal degrees, of the primary counter placement.

**Longitude** – Longitude, in decimal degrees, of the primary counter placement.

**Specific_Recorder_Placement** – Verbal description of the primary counter placement.

**Channel_Notes** – Any notes from the count collector, or processor, related to the count. The four digit Continuous Counter ID (CCID) is entered when the record is based on Continuous Data.
**Data Type** – A description of the data type contained in the file.

**Blank/Speed_Limit/Vehicle_Axle_Code** – Blank in Classification data files. Speed Limit for the count location in speed data files. Vehicle/Axle code in Volume files: 1=Vehicle count 2=Axles/2 count

**Year** – The year in which the data was collected.

**Month** – The month in which the data was collected.

**Header Items exclusive to AVGWD files:**

**Day_of_First_Data** – The first day of data collection for the count.

**Federal_Direction** – The federal direction code for the data record. 1 – North, 3 – East, 5 – South, 7 – West, 9 – North/South Combined, 0 – East/West combined. NOTED ERROR: Many North/South records are incorrectly labeled with a 0 code. Data remains correct.

**Full_Count** – Indicates if the record represents the total roadway, or just a single direction. ‘blank’ indicates data applies to direction in Federal Direction field. ‘Y’ indicates data applies to the entire roadway.

**Header Items exclusive to Data files:**

**Day** – The Day of data collection.

**Day_of_Week** – The day of week the data was collected.

**Federal_Direction** – The federal direction code for the data record. 1 – North, 3 – East, 5 – South, 7 – West, 9 – North/South Combined, 0 – East/West combined.

**Lane_Code** – The lane code by direction, starting with 1 as the rightmost lane.

**Lanes_in_Direction** – The total number of lanes expected in this direction.

**Collection_Interval** – The interval, in minutes, in which the data was collected, typically 15 or 60.

**Data_Interval** – Speed and Classification data only. The interval which the record applies. 1.1 indicates the first 15 minutes of the first hour of the day, or 00:00 through 00:15. 1.2 represents 00:15-00:30, 12.3 represents 11:30-11:45, 23.4 represents 22:45-23:00 and so on.
Data Items exclusive to Data files:

Interval_1_1 through Interval_24_4 – Volume Data for each 15 minute interval. If data collection interval is 60, then hourly data will be represented in intervals 1_1, 2_1, etc.

Bin_1 through Bin_15 – Speed data, the number of vehicles in each speed bin for the interval represented. Bins are as follows:

1. 00-20.0 mph
2. 20.1-25.0 mph
3. 25.1-30.0 mph
4. 30.1-35.0 mph
5. 35.1-40.0 mph
6. 40.1-45.0 mph
7. 45.1-50.0 mph
8. 50.1-55.0 mph
9. 55.1-60.0 mph
10. 60.1-65.0 mph
11. 65.1-70.0 mph
12. 70.1-75.0 mph
13. 75.1-80.0 mph
14. 80.1-85.0 mph
15. >85.0 mph

Class_F1 through Class_F13 – Where applicable, the number of vehicles in the FHWA F-scheme class for the interval represented.

<table>
<thead>
<tr>
<th>FHWA Axle Classification Scheme</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>F1</td>
<td>Motorcycles</td>
</tr>
<tr>
<td>F2</td>
<td>Autos</td>
</tr>
<tr>
<td>F3</td>
<td>2 axle, 4-tire pickups, vans, motor-homes</td>
</tr>
<tr>
<td>F4</td>
<td>Buses</td>
</tr>
<tr>
<td>F5</td>
<td>2 axle, 6-tire single unit trucks</td>
</tr>
<tr>
<td>F6</td>
<td>3 axle single unit trucks</td>
</tr>
<tr>
<td>F7</td>
<td>4 or more axle single unit trucks</td>
</tr>
<tr>
<td>F8</td>
<td>4 or less axle vehicles, single trailer</td>
</tr>
<tr>
<td>F9</td>
<td>5 axle, single trailer</td>
</tr>
<tr>
<td>F10</td>
<td>6 or more axle, single trailer</td>
</tr>
<tr>
<td>F11</td>
<td>5 axle multi-trailer trucks</td>
</tr>
<tr>
<td>F12</td>
<td>6 axle multi-trailer trucks</td>
</tr>
<tr>
<td>F13</td>
<td>7 or more axle multi-trailer trucks</td>
</tr>
</tbody>
</table>

Unclassified – Speed and Classification only. Number of vehicles a counter was unable to correctly place in a bin. Currently blank, as not part of NYSDOT format at this time.
Total – The sum of all bins or intervals for the record.

Flag_Field – A field designated to give additional information about a count.

Batch_ID – A system code related to data importing.

Data Items exclusive to AVGWD files:

Class AVGWD Fields:

AVG_WKDAY_F1S through AVG_WKDAY_F13S – The number of vehicles in the FHWA F-scheme class FX as a daily total for the Average Weekday. This value represents the summary record on the NYSDOT standard classification report.

AVG_WKDAY_UNCLASSIFIED – Currently blank. Represents the number of unclassified vehicles as a daily total for the Average Weekday.

AVG_WKDAY_TOTALS – Represents the number of vehicles in all classes as a daily total for the Average Weekday.

AVG_WKDAY_PERC_F3_13 – Represents the percentage of vehicles in classes F3-F13 for the Average Weekday.

AVG_WKDAY_PERC_F4_13 – Represents the percentage of vehicles in classes F4-F13, or Heavy Vehicles, for the Average Weekday.

AVG_WKDAY_PERC_F4_7 – Represents the percentage of vehicles in classes F4-F7, or Single Unit Vehicles, for the Average Weekday.

AVG_WKDAY_PERC_F8_13 – Represents the percentage of vehicles in classes F8-F13, or Combination Vehicles, for the Average Weekday.

AVG_WKDAY_PERC_F1 – Represents the percentage of vehicles in class F1, or Motorcycles, for the Average Weekday.

AVG_WKDAY_PERC_F2 – Represents the percentage of vehicles in class F2, or Passenger Vehicles, for the Average Weekday.

AVG_WKDAY_PERC_F3 – Represents the percentage of vehicles in class F3, or Light Trucks, for the Average Weekday.

AVG_WKDAY_PERC_F4 – Represents the percentage of vehicles in class F4, or Busses, for the Average Weekday.
AVG_WKDAY_PERC_F5_7 – Represents the percentage of vehicles in classes F5-F7, or Single Unit Trucks, for the Average Weekday.

AXLE_CORRECTION_FACTOR – Represents the axle correction factor for the count based on the Average Weekday class distribution.

SU_PEAK – Represents the number of vehicles in classes F4-F7 during the peak hour of the count, expressed as a percentage of the total daily count.

CU_PEAK – Represents the number of vehicles in classes F8-F13 during the peak hour of the count, expressed as a percentage of the total count.

SU_AADT – Currently Blank. The number of Single Unit Vehicles, classes F4-F7, during an Average Day.

CU_AADT – Currently Blank. The number of Combination Vehicles, classes F8-F13, during an Average Day.

Flag_Field – A field designated to give additional information about a count.

Batch_ID – A system code related to data importing.

**Speed AVGWD Fields:**

AVG_WKDAY_BIN_1 through AVG_WKDAY_BIN_15 – The number of vehicles in the NYSDOT Speed Bin as a daily total for the Average Weekday. This value represents the summary record on the NYSDOT standard speed report.

AVG_WKDAY_UNCLASSIFIED – Currently not filled. Represents the number of unclassified vehicles as a daily total for the Average Weekday.

AVG_SPEED – Represents the Average Speed of vehicles for the Average Weekday.

FIFTYTH_PERCENTILE_SPEED – Represents the speed of the vehicle in the 50th percentile, or median speed, for the Average Weekday.

EIGHTYFIVETH_PERCENTILE_SPEED – Represents the speed of the vehicle in the 85th percentile for the Average Weekday.

PERCENTILE_EXCEEDING_55 – Represents the percentage of total vehicles that are exceeding 55mph for the Average Weekday.

PERCENTILE_EXCEEDING_65 – Represents the percentage of total vehicles that are exceeding 65mph for the Average Weekday.
**Flag_Field** – A field designated to give additional information about a count.

**Batch_ID** – A system code related to data importing.

### Volume AVGWD Fields:

**AVG_WKDAY_INTERVAL_1 through AVG_WKDAY_INTERVAL_24** – The number of vehicles in each interval for the Average Weekday. This value represents the summary record on the NYSDOT standard volume report. Interval 1 represents 00:00-01:00, Interval 2 represents 01:00-02:00, and so on.

**AVG_WKDAY_DAILY_TRAFFIC** – The total number of vehicles for the Average Weekday.

**SEASONAL_FACTOR** – The seasonal factor applied to calculate the AADT.

**AXLE_FACTOR** – The axle factor applied to calculate the AADT.

**AADT** – The seasonally adjusted Annual Average of Daily Traffic, representing an Average Day for the location.

**HIGH_HOUR_VALUE** – The number of vehicles in the hour with the highest traffic of the Average Weekday.

**HIGH_HOUR_INTERVAL** – The interval that contains the highest traffic of the Average Weekday.

**K_FACTOR** – The highest hour of the Average Weekday expressed as a percentages of the Average Weekday total. This value is populated for total roadway records only.

**D_FACTOR** – The higher direction of the highest hour of the Average Weekday expressed as a percentages of the highest hour total. This value is populated for total roadway records only.

**Flag_Field** – A field designated to give additional information about a count.

**Batch_ID** – A system code related to data importing.